

000042161

DRRES. CONTROL
JTGOING LTR NO.

ORDER# 5700.6C

4 RF 8388

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

DIST.	LTR	ENC
ARAL, M.E.		
RLINGAME, A.H.	X	X
SBY, W.S.		
ANCH, D.B.		
ANIVAL, G.J.		
VIS, J.G.		
RRERA, D.W.		
AY, R.E.		
IS, J.A.		
OVER, W.S.		
LAN, P.M.		
NNI, B.J.		
RMAN, L.K.		
ALY, T.J.		
DAHL, T.		
BIG, J.G.		
TCHINS, N.M.		
CKSON, D.T.		
LL, R.E.		
ESTER, A.W.		
RX, G.E.		
DONALD, M.M.		
KENNA, F.G.		
ONTROSE, J.K.		
ORGAN, R.V.		
OTTER, G.L.		
ZZUTO, V.M.		
SING, T.L.		
NDLIN, N.B.		
HWARTZ, J.K.		
TLOCK, G.H.		
EWART, D.L.		
TIGER, S.G.		
OBIN, P.M.		
DORHEIS, G.M.		
ercc, W.G.	X	X
iderson, CA	X	X
ntzen, K	X	X
reen, D.C.	X	X
Missard, MC	X	X
rbes, T	X	X
mith, S	X	X
Uesta, S	X	X
DRRES. CONTROL	X	X
DMN RECORD/0802	X	X
RAFFIC		
ATS/T130G		

August 29, 1994

94-RF-8388

Jessie M. Roberson
Acting Manager
Environmental Restoration Program Division
DOE/RFFO

ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT - KB-174-94

Please find attached the EG&G input to the Rocky Flats Environmental Restoration Program
Weekly Report for the week ending August 26, 1994.

D. G. Breen for Kaye Bentzen

Kaye Bentzen
Program Manager
Environmental Data Management and Reporting Services

CAA:jlj

Orig. and 1 cc - J. M. Roberson

cc:
H. D. Rose - DOE/RFFO
M. N. Silverman - " "
L. W. Smith - " "

CLASSIFICATION:

CNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER
SIGNATURE

DATE

REPLY TO RFP CC NO:

OPTION ITEM STATUS
PARTIAL/OPEN

☐ CLOSED

APPROVALS:

RIG & TYPIST INITIALS

CAA:jlj

Best Available Copy

ADMIN RECORD
SW-A-003750

1/27

**ROCKY FLATS PLANT ENVIRONMENTAL TECHNOLOGY SITE
EG&G ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT
WEEK ENDING AUGUST 26, 1994**

Operable Unit 1 Corrective Measures Study/Feasibility Study (CMS/FS) Delivered to Regulatory Agencies (S. R. Grace)

The Draft Corrective Measures Study/Feasibility Study was delivered to the regulatory agencies on August 25, 1994, the Interagency Agreement (IAG) milestone date.

Colorado School of Mines to Work with Operable Unit 2 Soil Study Team (S. R. Grace)

The Colorado School of Mines has volunteered to work with the Soil Study Team in support of the Graphical User Interface for Geoscience Statistical Library. This work with the Geoscience Statistical Library has received national attention through the geostatistics newsletter.

Operable Unit 5 - Receives New, Regulatory Agency Approved IAG Milestones (R. H. Birk)

On August 22, 1994, EG&G received the new, agency approved IAG milestones for submittal of the Draft and Final RI Reports to EPA and CDPHE. The new dates for Operable Unit 5 are as follows: the Draft RI Report is due on July 21, 1995, and the Final RI Report is due on January 17, 1996.

Operable Unit 6 - Receives New, Regulatory Agency Approved IAG Milestones (J. Pepe)

EG&G received the new, agency approved IAG milestones for submittal of the Draft and Final RI Reports to EPA and CDPHE on August 22, 1994. The new dates for Operable Unit 6 are as follows: the Draft RI Report is due June 21, 1995, and the Final RI Report is due December 21, 1995. These dates were approved by the agencies with the understanding that all impacts of the stop work order have been incorporated.

Pond Water Management IM/IRA (J. Pepe)

DOE granted EG&G an extension on the delivery of the Draft IM/IRA Decision Document from September 2, 1994, to September 30, 1994.

Industrial Area IM/IRA - The Industrial Area (IM/IRA) Decision Document Public Comment period is scheduled to begin August 29, 1994, through October 27, 1994. The information meeting will be held on September 21, 1994, and the hearing will be held on October 19, 1994.

Upcoming Events

September 21, 1994	Rocky Flats Quarterly Environmental Restoration Public Information Meeting Location and topics of discussion: To be determined
October 26, 1994	Rocky Flats Monthly Public Information Meeting Location and topics of discussion: To be determined

**ROCKY FLATS PLANT ENVIRONMENTAL TECHNOLOGY SITE
EG&G ENVIRONMENTAL RESTORATION PROGRAM WEEKLY REPORT
WEEK ENDING AUGUST 26, 1994**

Section I - Interagency Agreement

Operable Unit 1 - 881 Hillside (R. Z. Houk)

The preparation and the EG&G internal review of the Operable Unit 1 Fiscal Year 1995 work packages and the Major Activity Document continues.

Interim Measure/Interim Remedial Action (IM/IRA)

No report received this week.

Treated groundwater this week: 10,648 gallons
Total treated to date: 2,580,997 gallons

Corrective Measures Study/Feasibility Study (CMS/FS)

The Draft Corrective Measures Study/Feasibility Study was delivered to the regulatory agencies on August 25, 1994, the Interagency Agreement (IAG) milestone date.

Accelerated Cleanup

Comments from the regulatory agency on the Proposed Action Memorandum have been received. No public comments were received. A release from the proposed IAG language requirement of receipt of the final regulatory agency approval on the Proposed Action Memorandum and the ten day wait in the Administrative Record prior to initiation of removal activities is being investigated. Pending EPA's approval of the Sampling and Analysis Plan, the approximate start date is September 21, 1994.

Operable Unit 2 - 903 Pad, Mound, East Trenches Area Closures Remedial Investigation (RI) (W. S. Busby)

The May 30, 1995, date for the submittal of the Final Draft RI Report and the Final RI Report date of September 21, 1995, have been approved by the regulatory agencies. RFFO will meet with EG&G to accept these dates for the Operable Unit 2 working schedule.

Comments received from RFFO are currently being incorporated in to the *Contaminants of Concern* Technical Memorandum which is scheduled for completion on August 26, 1994. RFFO review continues on the Toxicity Report. Comments will be incorporated in to the Technical Memorandum when they are received.

Treatability/Feasibility Studies

Soil titrations were completed, and soil buffering capacity curves have been plotted. A subsequent titration was performed at higher normality to check for dilution effects from the lower normality standards initially evaluated. No dilution effects were noted.

OU 2 Feasibility Study

A schedule reflecting the interaction of projected major activities for the Fiscal Year 1995 Operable Unit 2 Feasibility Study within the Integrated Environmental Remediation Schedule was generated to delineate scope for work package development.

Comments on the "preliminary draft" of Technical Memorandum #1, *Development of Corrective/Remedial Action Objectives* for Operable Unit 2, were discussed. Comments will be incorporated as revision requirements to Technical Memorandum #9, *Human Health Risk Assessment Contaminants of Concern*.

Subsurface Interim Measure/Interim Remedial Action Operations Report

Test Site No. 1

Post Pilot Operations, a program operating eight hours per day, five days per week, has begun. Extraction wells AV1 and AI1 are yielding a combined air flow of approximately 80 standard cubic feet per minute. Extracted subsurface gas contains Volatile Organic Compounds at an average concentration of 599 parts per million volume/volume for a Volatile Organic Compounds extraction rate of 0.87 pounds per hour. To date, post pilot hours of operation total 236. Based on measurements, the total pounds of Volatile Organic Compounds removed to date during post pilot operations total 208 pounds.

On August 18, 1994, operations were discontinued because of a blown fuse. The fuse was repaired and operations resumed on August 23, 1994.

Post pilot operations will cease at the end of Fiscal Year 1994. Operations will continue through September 1994, except when the operations conflict with the abandonment of the sandstone wells.

Additional pilot testing involving monitoring of geoprobes during post pilot operations has begun. In preparation for additional pilot testing, eleven geoprobes were installed in Individual Hazardous Substance Site 110 on August 20, 1994. All five shallow geoprobes were installed, but only one deep probe was installed. During installation, three sleeves came back with "product" on the outside. Probe installation was suspended. RFFO was notified of the Non-Aqueous Phase Liquid material, and a report was written to the project files.

Because the deep probes would be installed in Non-Aqueous Phase Liquid material, additional probes were not installed. Only two of the three pilot tests can be performed with the probes that are in place.

The Soil Vapor Survey subcontract is near closeout and is expected to be complete by September 30, 1994. The project files have been sent to Administrative Records for final processing and closeout.

The lead Granular Activated Carbon unit was changed out of the Soil Vapor Extraction pilot plant. The lag unit was moved to the lead position and the new Granular Activated Carbon unit was placed in the lag position. Spent Granular Activated Carbon was transferred into 55-gallon containers for 90-day RCRA Storage. Long-term storage options are being investigated in the event that the procedure for shipment of used carbon is not approved prior to expiration of the 90-day limit. Long-term storage arrangements are being investigated. A contract for placing carbon into drums is in place, and a procedure for shipping carbon is being reviewed.

Abandonment of the sandstone wells is scheduled for completion the end of Fiscal Year 1994. Passive sampling of these wells will not be done because of technical and logistical problems. Down hole geophysical logging began August 25, 1994. The down hole video work is expected to take place on September 6, 1994, and over drilling will be completed the following day. During the sampling periods, the Soil Vapor Extraction unit will continue operating.

A geophysical survey was performed by the subcontractor on Trench T-3, Individual Hazardous Substance Site 110. The survey was performed to establish the trench size and boundaries. A ground penetrating radar was used to delineate the boundary of the trench. Estimates indicate that the trench is approximately 134 feet in length (east to west) and an average of 20 feet in width (north to south). The exact dimensions will be determined when the boundary markers are surveyed. This survey is planned for the end of August 1994.

To determine if drums are buried in Trench T-3, a geophysical survey also evaluated the subsurface metal in the trench. An electromagnetic survey had indicated the existence of an undetermined subsurface metal.

All analytical data have been uploaded to the Rocky Flats Environmental Database System, and validation was complete August 8, 1994. The data were being evaluated and checked for completeness. On September 30, 1994, a first draft of the Pilot Test Report will be available for EG&G review.

The work package preparation for Fiscal Year 1995 Test Site 1 is complete.

Technical Memorandum #3, a letter report which details the cancellation of the groundwater extraction and the sandstone system performance pilot tests was issued for both an RFFO and an EG&G review and comment period. RFFO provided comments that were incorporated into the document and notified EG&G that the document was unacceptable. RFFO has not submitted in writing the scope of the document or the nature of the revisions necessary to make the document acceptable. Resources are now available to revise Technical Memorandum #3.

Additional pilot tests were planned using the geoprobes. Three pilot tests would be performed. RFFO has suspended completion of the pilot tests pending further notification. This suspension will impact the schedule for completion of the post pilot operations by the end of Fiscal Year 1994. Also impacted are the sandstone well sampling, abandonment, and demobilization. RFFO and EG&G are negotiating completion of the pilot tests as scheduled to avoid any impact to the schedule.

Test Site No. 2

Comments on the Site 2 Test Plan were received from the regulatory agencies and the Technical Review Group. Some comments questioned the scope of the IM/IRA and the demonstration of multiple heating arrays. RFFO is working with EG&G to modify the Test Plan to provide adequate technical and administrative justification for the multiple heating arrays. Additional time will be required to resolve these comments. The schedule impact will now be approximately 20 days. On August 23, 1994, RFFO and EG&G met to resolve the major comments on the Test Plan.

Completion of the EG&G review of the Off-gas Treatment System Basis of Design was completed on August 9, 1994. The subcontractor has begun design work and is preparing Process and Instrumentation Diagrams. The final Basis of Design was received on August 22, 1994.

Design began on the multiple array heating system by EG&G. The design of this system for multiple arrays assumes that the regulatory agencies will concur on the scope of the project presented within the Test Plan. A basis of design will be completed in August 1994. This design work will conclude the production of a design document that will be submitted to RFFO in December 1994. Efforts to resolve the basis of design and confirm the drilling program are in progress.

The work package for Fiscal Year 1995 for Test Site 2 is complete.

On August 29, 1994, a first draft will be complete of the Statement of Work for the implementation and operations subcontractor.

Preparation of a first draft of Technical Memorandum #4 is in progress. The task of gathering all available data is near completion and consists of the following related tasks: generation of geotechnical logs (completed); generation of chemical concentration plume maps (completed); generation of potentiometric head maps (completed); generation of cross-sections (in progress); evaluation of pump test data (in progress); and results of analyses of the data on hand (in progress). A first draft of the text is in progress. The following pieces of information are not yet available for incorporation into the text:

- (1) An overview of the drilling/sampling/characterization program that will be associated with Test Site 2 has not been confirmed. Until a firm program is decided on, the sampling program will not be incorporated into Technical Memorandum #4.
- (2) Completion of a first draft of Technical Memorandum #4 is scheduled for August 31, 1994.
- (3) A contract with a geotechnical laboratory for analysis of core samples for the project has been placed by the EG&G Sample Management Office. The contract was awarded on August 19, 1994. Core samples were sent to the laboratory on August 22, 1994.

Test Site No. 3

In order to meet the schedule for the Operable Unit 2 Feasibility Study, Test Site 3, which is required under the Subsurface IM/IRA Pilot Test Program, tests will be performed concurrently with Test Site 2. The most applicable site for this test is Individual Hazardous Substance Site 113 (The Mound Area).

Test Site 3 is currently in the preliminary planning stages. Initial plans call for the utilization of the current Soil Vapor Extraction System and the current Operable Unit 2 documentation. No work will begin on this project until the beginning of Fiscal Year 1995.

Surface Water Interim Measure/Interim Remedial Action

The influent lines upgrades should be in place within two to three weeks.

Because of the extremely low influent to the Field Treatability Unit, normal sampling events have been reduced. Effluent samples are being taken when the facility does process water (approximately every two weeks); however, sampling of the three surface water locations (SW-59, SW-61, SW-132) continues.

The 3,300-gallon storage tank that is to be used at SW-59 to eliminate night and weekend shift coverage was delivered August 12, 1994. The current subcontractor cannot install the storage tank because engineering modifications and requirements exceed the scope of work defined in the contract.

Currently, the low level mixed waste that is produced at the Operable Unit 2 Field Treatability Unit as a waste product is stored on site. RFFO and EG&G are working together to ship the waste to the ENVIROCARE landfill in Utah. Disposal of this waste is scheduled for Fiscal Year 1994 completion. A Baseline Change Proposal will be required to fund the project.

No sludge was packed last week.

Water treated last week: 0 gallons
Total water treated at Field Treatability Unit: 24,771,300 gallons

Treatability Studies

High Gradient Magnetic Separation

Los Alamos National Laboratory investigators completed the second series of tests on Rocky Flats soil samples on July 15, 1994. Analytical Samples were prepared for shipment to the offsite analytical facility. Analytical results were expected August 16, 1994; however, the samples have not yet been received. Attempts to contact the Los Alamos National Laboratory on August 23, 1994, were unsuccessful.

Chemically Enhanced Steam Stripping

Los Alamos National Laboratory personnel have completed all of the batch desorption experiments scheduled to be performed in Fiscal Year 1994 Phase I testing and are awaiting analytical data on the experimental results. The batch column experiments are set up and will begin after additional soil from the Rocky Flats Environmental Technology Site has been received. The soil was sampled on August 23, 1994, and will be shipped after the radiological screen analytical results are received.

The draft results will be presented to the regulatory agencies and RFFO on November 12, 1994, on the final data from the batch desorption experiments and preliminary data from the Phase I batch column experiments.

RFFO received the July 1994 Monthly Status Report on August 16, 1994.

Solvent Extraction

Soil treatability testing continues. A tour was conducted on August 24, 1994, to familiarize the CDPHE with the soil treatability test site. Representatives from the RFFO, EG&G, and the subcontractor were in attendance to answer questions.

Other Issues

The Environmental Institute at Rocky Flats

Two Statements of Work submitted through the Rocky Flats Environmental Institute are in review. An article for the Rocky Flats newspaper on the Rocky Flats Environmental Institute and a nationwide news release announcing the formation of the Rocky Flats Environmental Institute have been issued.

Soil Studies

The Colorado School of Mines has volunteered to work with the Soil Study Team in support of the Graphical User Interface for Geoscience Statistical Library. This work with the Geoscience Statistical Library has received national attention through the geostatistics newsletter.

The Statement of Work supporting the field experiments of the Soil Study Team has been completed and submitted to Procurement. The budget for this Statement of Work has been changed because of the lack of support from Operable Unit 4.

Conditional simulation work was initiated using the exhaustive plutonium data set. This will be used for comparison with the recently completed analyses of plutonium as well as for testing of the Geoscience Statistical Library software.

Development of a Graphical User Interface for the snowmelt component of the Soil Water Monitoring System has begun.

Soil Background Study

The Soil Background Study Team made major strides in the completion of field work for the Background Soils Characterization project. The field work for this project will conclude on August 31, 1994. Additionally, the Soil Background Study Team has begun the format for writing the Phase I Draft Report Background Soils Characterization.

Operable Unit 3 - Offsite Areas (M. S. Buddy)

The internal review of the CDPHE Conservative Screen Letter Report has been completed by EG&G. The report will undergo a revision prior to being submitted to RFFO for review. The Screen Report and the *Contaminants of Concern* Technical Memorandum present the weight of evidence analysis for the Contaminants of Concern selection process to the regulatory agencies.

The Operable Unit 3) Technical Memorandum #5 for toxicity assessment is being reviewed and commented on by EG&G. The report will undergo a revision prior to being submitted to RFFO for review. The assessment presents relevant toxicity data for chemicals identified in the Operable Unit 3 Technical Memorandum #4.

On August 23, 1994, construction began on one of four air and meteorological monitoring station sites. Construction will begin on August 26, 1994, on a second monitoring station. The remaining two sites will not begin construction operations until a Jefferson County Site Approval Application is processed by the county. The application process is expected to be complete by September 9, 1994.

Operable Unit 4 - Solar Ponds Evaporation (S. R. Kelth)

Treatment, Storage, and Disposal (J. B. Mellen)

Conceptual Design

A Letter Task Order was awarded to the pondsludge processing subcontractor on August 18, 1994.

Waste Storage

Contract award for container procurement is still pending the procurement reviews and the approval of the Equal Employment Opportunity requirements. Additional information has been received from submitting vendors to resolve technical issues concerning size and testing. Although procurement plans are behind schedule, the plans are not expected to affect compliance with the state.

Treatability - Sludge

The revised Statement of Work is complete and has been provided to the A/E for proposal. A proposal is due August 26, 1994. This quick turn around should help recover some schedule delay.

Interim Remedial Action (R. W. Boyle)

Water Management

Stop work instructions have been issued for all non-regulatory tasks because of budget restrictions. RCRA inspections and required maintenance and operations will continue. Currently, a Baseline Change Proposal is in process, and when approved, the proposal will allow continuation of normal operations.

Interim Measure Remediation (J. A. Ledford)

RCRA Facility Investigation

A comment response document is being prepared to incorporate the EPA's comments on the Draft IM/IRA Environmental Assessment Decision Document. CDPHE comments have been resolved and modifications to the document have begun.

Interim Measure Design

EG&G and its subcontractor have begun the design basis reevaluation that resulted in the dispute resolution and, as a result, are preparing documentation to include sludge as a component of the IM/IRA.

Pre-Construction

The Geotechnical drilling activities were completed on August 12, 1994. Surficial soil samples have been sent to the laboratory for California Bearing Ratio analysis. A piezometer was installed in the boring located north of C pond to obtain additional data for the RFI/RI for that location.

The Title II Design efforts for the installation of a Vehicle Access Gate at Portal #3 are complete. The review package was configured and distributed on August 23, 1994. The Key Decision Three will be requested for the Vehicle Access Gate.

Preparation of the Integrated Work Control Program has been completed for the removal of two cement silos at the Solar Evaporation Ponds. A prebid walk down of the two silos was conducted with the subcontractor on August 16, 1994.

An ecological walk down of the Operable Unit 4 site was conducted to address possible ecological concerns that may impact Phase I Remediation Construction. The concerns include seed mixtures for the final barrier and hillside, plant and animal species that may be encountered, and nesting times. A Migratory Bird Survey will be conducted prior to installation of the Vehicle Access Gate at Portal #3.

Final Action (J. A. Ledford)

Phase II RFI

Before being reviewed, the comments from the regulatory agencies are being incorporated in the Final Phase II RFI/RI Work Plan. The Final Phase II RFI/RI Work Plan is scheduled for completion August 29, 1994.

Interim Measure Sludge (J. B. Mellen)

Construction

The secondary containment south of C Pond is still awaiting disassembly. The remote possibility for potential containment contamination remains. Modifications to the vacuum truck loading dock were completed this week. Plans are currently in place to erect a cooling vestibule in Tent #5 which will enable Chemical Operators to mitigate the possibility of heat stress injuries between vacuum truck loads.

Operable Unit 5 - Woman Creek Priority Drainage (C. A. Bicher)

On August 22, 1994, EG&G received the new, agency-approved IAG milestones for submittal of the Draft and Final RI Reports to EPA and CDPHE. The new dates for Operable Unit 5 are as follows: the Draft RI Report is due on July 21, 1995, and the Final RI Report is due on January 17, 1996. Currently, the Operable Unit 5 Remedial Investigation Report is 62 days behind schedule, and there is no schedule reserve. The schedule is being screened aggressively to bring it back on schedule.

Technical Memorandum #15, *Addendum to the Field Sampling Plan*, was completed. EPA has provided written approval of the Technical Memorandum to RFFO. The Health and Safety Plan was revised on August 15, 1994. Plan approval is required in order to begin field work. Mobilization to the field is scheduled for August 29, 1994.

Identification of the potential contaminants of concern continues. A meeting was held with the Risk Assessment Team from Operable Unit 5 and Operable Unit 2 to discuss the approach being used. Additional guidance is required with respect to the upper tolerance limits of the background geochemical data set.

Operable Unit 6 - Walnut Creek Priority Drainage (N. A. Holsteen)

Sprinkler Pipe Cleanup, Multiple Individual Hazardous Substance Sites Cleanup and B-3 Pond Cleanup
EG&G received the new, agency-approved IAG milestones for submittal of the Draft and Final RI Reports to EPA and CDPHE on August 22, 1994. The new dates for Operable Unit 6 are as follows: the Draft RI Report is due June 21, 1995, and the Final RI Report is due December 21, 1995. These dates were approved by the agencies with the understanding that all impacts of the stop work order have been incorporated.

Chapter 4 of the RI, Nature and Extent, has been put on hold in order to finish work on the Risk Assessment Technical Memoranda. This chapter is scheduled to be complete within the next month. Work began on creating source area maps and area of concern maps. A meeting is scheduled with the regulatory agencies to present these maps on September 2, 1994.

Work continues on the internal review of a Preliminary Draft of Chapter 3, Physical Characteristics.

Technical Memorandum #4, *Chemicals of Concern*, was delivered to RFFO for transmittal to the regulatory agencies for review on August 24, 1994. The draft Technical Memorandum #5, *Toxicity Assessment*, is scheduled to be delivered to EPA and CDPHE the week of August 29, 1994. Work continues on the Final Technical Memorandum # 2, *Exposure Scenarios*, and the final revisions to Technical Memorandum #3, *Model Description*.

Preliminary analytical results were returned by the laboratory on the polychlorinated biphenyls tissue analysis. These results are showing slightly elevated levels of polychlorinated biphenyls in the tissues of fat head minnows from B-4 pond. Sampling results from the bass in A-3 and fat head minnows in A-4 and B-5 were considerably less. Data continues to be received from the other laboratories that are performing the sediment and water quality analysis.

Pond Water Management IM/IRA

RFFO granted EG&G an extension on the delivery of the Draft IM/IRA Decision Document from September 2, 1994 to September 30, 1994.

RFFO agreed to meet with EG&G on a weekly basis to resolve issues and provide concurrent review of the IM/IRA Decision Document preparation process.

The hydrology and statistical water quality comparisons are near completion. To provide a strong technical basis for decision making, the IM/IRA will include and compare data evaluations from surface water, event-related, background geochemical, and operable unit discharges.

Operable Unit 7 - Present Landfill (L. J. Peterson-Wright)

A meeting was held August 25, 1994, with the regulatory agencies and RFFO to discuss the following issues: the comment responsiveness summary to expedite approval of the Technical Memorandum and the Work Plan, the management strategy for performing the risk assessment for the IM/IRA Decision Document and the Action Memorandum, the review of the conceptual design, and the presentation of requirements for data for landfill closure (migration barrier and groundwater intercept/diversion system).

Revision of the Technical Memorandum, *Revised Work Plan*, continues.

The tentative area for placement of the leachate storage tanks was staked on August 23, 1994, and surveyed topographically on August 26, 1994.

A field trip was conducted to view the effect of the pond drawdown on the leachate seep.

Operable Unit 8 - 700 Area (W. A. Fuller)

As part of the finalization of the Technical Memorandum #1, a video tape of inspections of the building foot drains was required to be reviewed. To date, this tape has not been located. The company that performed the inspections does not have the video tape but do have a copy of the report that accompanied the video tape. A copy of this report will be obtained and reviewed for inclusion in the revised Technical Memorandum. No further attempts will be made to locate the video tape.

The CDHPE has indicated that the Risk Assessment issue is closed to resolution. CDPHE indicated that the Risk Assessment approach, which originated from the Operable Unit 2 through 7 dispute resolution, was applicable to Operable Unit 8. After this is formally accepted by all parties, and the Work Plan is approved, planning for Stage 2 Field Investigations can continue.

Operable Unit 9 - Original Process Waste Lines (C. D. Cowdery)

Completion of the Field Sampling Plan is tentatively scheduled for the week of August 29, 1994.

Active tanks in Operable Unit 9 continue to be a major issue between CDPHE and RFFO. The issue continues to move toward dispute resolution because CDPHE did not approve the approach proposed by RFFO, and CDPHE has indicated that the technical memorandum is not approved. RFFO continues efforts to have CDPHE approve previously submitted work contained in the Field Sampling Plan. Efforts continue on the addendum for the two additional tank sites, T-11 and T-30. A preliminary draft has been completed and reviewed. A second draft is being prepared.

Because of the potential hazards associated with the Operable Unit 9 Outside Tank Investigation, additional health and safety requirements are needed for further investigations. Delays in training are possible because of the availability of classes. The subcontractor has been instructed to take classes on a walk-in basis to avoid waiting until October 1994. Delays may occur during the review of the Health and Safety Plan Modification because of multiple reviews by various RFFO organizations.

Operable Unit 10 - Other Outside Closures (G. A. Anderson)

Although all of Operable Unit 10 soil gas sampling was complete on August 18, 1994, a number of resamples and hand driven samples were taken this past week. The task of surveying the remaining Global Positioning System locations began August 22, 1994, and is scheduled for completion August 31, 1994. A partial list of physical parameter samples for Operable Unit 10 has been collected. Samples were shipped to the offsite analytical laboratory on August 19, 1994. Sample results should be available by the time the Operable Unit 10 Preliminary Technical Memorandum is due in October, 1994.

A meeting was held August 22, 1994, with CDPHE, RFFO, and EG&G personnel to discuss the Proposed Action Memorandum being developed to define the scope of work for the Operable Unit 10 443 Underground Tank Removal Action. Concurrence of the specific scope was reached, and a preliminary schedule was delivered to RFFO. The Draft Proposed Action Memorandum will be delivered by September 1994.

A revised schedule has been developed for the preparation and delivery of the Operable Unit 10 Draft and Final Phase I NonIntrusive Technical Memorandum. The new dates for delivery are October 7, 1994, and February 10, 1995, respectively. Work continues on the compilation of data for Operable Unit 10. The schedule for the Preliminary Draft Technical Memorandum is anticipated to be met.

Operable Unit 11 - West Spray Fields (D. L. Schubbe)

The drilling program has been completed. The installation is complete of 12 groundwater monitoring wells identified in the Operable Unit 11 Field Sampling Plan.

Operable Unit 12 - 400/800 Areas (S. B. Smith, Acting)

No input this week.

Operable Unit 13 - 100 Area (M. F. McHugh)

Soil gas sampling began in Individual Hazardous Substance Site 134 (North).

Operable Unit 14 - Radioactive Sites (M. F. McHugh)

The Readiness Review for Operable Unit 14 is complete. A pre-evolution meeting was held on July 28, 1994. Field activities began August 1, 1994, with the sampling locations being staked and cleared. Surficial Soil Sampling will begin the week of August 29, 1994.

Operable Unit 15 - Inside Building Closures (D. L. Schubbe)

Informal comments were received from the CDPHE on the Draft Phase I RFI/RI Report. Comments will not impact the document.

The Contract Modification for the completion of Operable Unit 15 is complete.

The Hot Water Rinsate equipment transfer to the Waste Stabilization Group is complete.

Operable Unit 16 - Low Priority Sites (D. L. Schubbe)

The Final Corrective Action Decision/Record of Decision was submitted to RFFO for approval.

Industrial Area Interim Measure/Interim Remedial Action Plan (M. S. Buddy)

The IM/IRA Decision Document was delivered to the Technical Review Group on August 23, 1994, for review and comment.

The Public Comment Period for the Industrial Area IM/IRA was moved to August 29, 1994, to allow sufficient review time for the responsiveness summary. Preparation has begun for the September 21, 1994, Public Meeting.

Environmental Operations Activities

Community Relations

EG&G Community Relations is briefing Congressional, Headquarters, and regulatory agency personnel on the ER2000 project.

Communications developed the advertisement for the Industrial Area IM/IRA/Decision Document Public Comment period and hearing. The comment period begins August 29, 1994, and continues through October 27, 1994. The information meeting will be held on September 21, 1994, and the hearing will be held on October 19, 1994.

EG&G Community Relations met with representatives from RFFO, the Citizens Advisory Board, and the Rocky Flats Local Impacts Initiative to discuss possible training on environmental regulations and laws for stakeholders and the upcoming Rocky Flats Quarterly Environmental Restoration Public Information Meeting.

DRUM INFORMATION

Number of drums in Unit 18.03

TOTAL 945

Number of drums in Unit 25

TOTAL 138

Recycled drums

TOTAL 183

Drums in the Field Operations Yard

TOTAL 2,904

Drums in ER-2019 (90-day unit) PA

TOTAL 16 Gray 30-gallon
(empty) 8 white 55-gallon

Drums at Building 223

TOTAL 259

TOTAL DRUMS

5,058

Number of drums in Unit 18.04

TOTAL 15 Gray 55-gallon
11 Gray 30-gallon
340 White 55-gallon

Empty drums in Field Operations Yard

TOTAL 119 Gray 30-gallon
30 Gray 55-gallon

Waste Generator Training drum

TOTAL 1 White 55-gallon
1 Gray 30-gallon

Drums in EM-1890 (90-day unit)

TOTAL 82 Gray 30-gallon
6 Blk&Wht 55-gallon

The total drum count is off by 18 drums because these drums are checked out to the contractors and after being filled, the drums are returned for storage.

Weekly RCRA and drum inspections were completed on time and all units are per RCRA regulations.

Other Treatability Study Issues

Bioremediation

EG&G completed revisions to the Bioremediation Treatability Study Work Plan in July 1994. EG&G delivered the Work Plan to the regulatory agencies on August 1, 1994. The CDPHE approval was received on August 19, 1994.

Phase II enrichment culturing of methanotrophs, denitrifiers, sulfate reducers, and methanogens is continuing. EG&G is performing real-time headspace analysis on the cultures to evaluate growth of the key populations. Vigorous growth has been achieved in all the anaerobic cultures. The aerobic culturing is requiring a longer enrichment period. Environmental Technologies expects to begin transformation experiments in the next few weeks.

A laboratory capable of analyzing soil samples from Operable Unit 2 for key microbial nutrients and physical parameters was identified. The sample was sent for analysis in August 1994. Data are expected in September 1994.

Solar Detoxification

This project is on hold.

Ion Exchange

The Draft Ion Exchange Treatability Study Report has been finalized and submitted to the regulatory agencies and RFFO.

Adsorption

The Draft Adsorption Treatability Study Report has been finalized and submitted to the regulatory agencies and RFFO.

Potassium Ferrate Process (Tru-Clear®)

The Tru-Clear® Treatability Study Phase I (potassium ferrate treatment in groundwaters) is complete. Results are expected in ten days.

CURE Treatability Study

The CURE Treatability Study Phase I (electrocoagulation of radionuclides in groundwaters) is complete. Results are expected in ten days.

Section III - Decontamination and Decommissioning

Pilot Project #1 - NaOH Tanks

The NaOH Tank has been removed and placed in a waste crate. The project has been completed; however, the waste crate has yet to be transported to Building 664.

Pilot Project #2 - Security Incinerator

Ash samples from the Security Incinerator were taken on August 9, 1994. The samples were distributed to onsite and offsite laboratories on August 11, 1994. The analytical results for metals were received from the 881 General Laboratory on August 17, 1994. The results showed levels of silver in excess of the RCRA thresholds for toxic substances and will have to be treated as RCRA Regulated Waste. The analytical results are being reviewed and a letter of the findings will be issued by EG&G.

Pilot Project #4 - Above Ground Storage Tanks and NaOH Tank

The soil disturbance permit is complete. Sampling around the condensate tanks will be scheduled.

Pilot Project #5 - Building 889

Seventeen boxes of High Efficiency Particulate Air Filters and twenty-two safes have been removed from the building.

Pilot Project #6 - Rooms 415 and 416, Building 777

Removal of the excess chemicals, furniture, and desks is in process.

Pilot Project #7 - Rooms 152 and 154, Building 779

Removal has begun on material from the rooms and gloveboxes in preparation for Decontamination and Decommissioning.

Section IV - Meetings

Solvent Extraction - A tour was conducted on August 24, 1994, to familiarize the CDPHE with soil treatability testing. RFFO and EG&G were in attendance.

Operable Unit 7 Present Landfill - A meeting was held with the regulatory agencies and RFFO on August 25, 1994, to discuss the following issues: the comment responsiveness summary to expedite approval of the Technical Memorandum/Work Plan, the management strategy for performing the risk assessment for the IM/IRA/DD and the Action Memorandum, to review the conceptual design, and to present the requirements for data for landfill closure (migration barrier and groundwater intercept/diversion system).

Operable Unit 10 Other Outsides Closures - A meeting was held on August 22, 1994, to discuss the Proposed Action Memorandum being developed to define the scope of work for the Operable Unit 10 443 Underground Tank Removal Action.

Presentation for Technical Review Group - A presentation was held for the Technical Review Group on August 23, 1994, on the Industrial Area IM/IRAP. This presentation was given by RFFO and supported by EG&G.

Section V - Upcoming Events

September 21, 1994 Rocky Flats Quarterly Environmental Restoration Public Information Meeting
Location and topics of discussion: To be determined

October 26, 1994 Rocky Flats Monthly Public Information Meeting
Location and topics of discussion: To be determined

ACTIVITY ID	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	1993												1994											
				OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1010	FY93 DOE-HQ YEAR END REVIEW	2NOV93A	4NOV93A																								
1015	DOE-RFO MONTHLY PROGRAM REVIEW - OCT	30NOV93A	30NOV93A																								
1020	MULTI-YEAR BASELINE SCHEDULES/COST	1NOV93A	10DEC93A																								
1025	DEVELOP SUBPROJECT BASELINE DOCUMENTS	1DEC93A	20DEC93A																								
1030	UPDATE FACT SHEETS - 1st QUARTER	1DEC93A	20DEC93A																								
1035	DOE-RFO MONTHLY PROGRAM REVIEW (CANCELED)	21DEC93A	21DEC93A																								
1027	SUBMIT SUBPROJECT BASELINE DOCUMENTS TO DOE-RFO	23DEC93A	23DEC93A																								
1040	ICE REVIEW	18JAN94A	20JAN94A																								
1050	DOE-RFO MONTHLY PROGRAM REVIEW - DEC	25JAN94A	25JAN94A																								
1060	DOE-RFO MONTHLY PROGRAM REVIEW - JAN	22FEB94A	22FEB94A																								
1080	UPDATE FACT SHEETS - 2nd QUARTER	25FEB94A	16MAR94A																								
1055	MODIFY FY94 - FY95 ADS SUBMITTALS	21JAN94A	18MAR94A																								
1070	DOE-RFO MONTHLY PROGRAM REVIEW - FEB (CANCELLED)	5APR94A	5APR94A																								
1075	IAG NEGOTIATION WHAT-IF SCENARIOS	18FEB94A	15APR94A																								
1085	FY96 - 2000 FIVE-YEAR PLAN PREPARATION	26JAN94A	15APR94A																								
1155	BUDGET VALIDATION REVIEW	3MAY94A	5MAY94A																								
1105	DOE-RFO MONTHLY PROGRAM REVIEW - APR (CANCELLED)	31MAY94A	31MAY94A																								
1090	DOE-RFO ER DRYRUN FOR MID YR	2JUN94A	2JUN94A																								
1095	DOE/HQ FY94 MID YEAR REVIEW	6JUN94A	8JUN94A																								
1110	DOE-RFO MONTHLY PROGRAM REVIEW - MAY (CANCELLED)	21JUN94A	21JUN94A																								
1115	UPDATE FACT SHEETS - 3rd QUARTER	10JUN94A	29JUN94A																								

Target Date 17NOV93
Plot Date 25AUG94
Data Date 26AUG94
Project Start 1OCT93
Project Finish 30SEP94



Activity Bar/Early Dates
Critical Activity
Progress Bar
Target Dates
Milestone/Flag Activity

ERMS

Sheet 1 of 2

EG&G ROCKY FLATS, INC

ER SCHEDULED ACTIVITIES

Date	Revision	Checked	Approved

(c) Primavera Systems, Inc.

ACTIVITY ID	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	1993			1994								
				OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1100	ESAAB ACTIVITIES - SUPT DOE-HQ	21JAN94A	1JUL94A												
1120	DOE-RFO MONTHLY PROGRAM REVIEW - JUN	28JUL94A	28JUL94A												
1125	DOE-RFO MONTHLY PROGRAM REVIEW - JUL	25AUG94A	25AUG94A												
1130	DOE-RFO MONTHLY PROGRAM REVIEW - AUG	20SEP94	20SEP94												
1135	FY95 WORK PACKAGE PREPARATION	30MAY94A	30SEP94												
1140	UPDATE FACT SHEETS - 4th QUARTER	12SEP94	30SEP94												
1145	DEVELOPMENT/TRAINING: MGMT IMPLEMENTATION PLAN	1OCT93A	30SEP94												
1150	ROUTINE REPORTING	1OCT93A	30SEP94												
				WEEKLY HIGHLIGHTS MONTHLY REPORTS • PERFORMANCE MEASUREMENT VARIANCES • PTS • PROGRAM STATUS • ER QUARTERLY REPORT - DOE • ER PROGRAM WEEKLY REPORT - DOE • ER PROGRAM MONTHLY REPORT - DOE/AGENCIES • ER BIWEEKLY REPORT - H. MANN											

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x8763 cube 461
 Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&Q Letter to DOE Requesting Extension	Extension Date Requested by EG&Q	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter from DOE to Agencies Requesting 2nd Extension	Remarks
1	Submit Draft Proposed IM/IRA Decision Document	89	9/18/89									9/18/89			
1	Submit Proposed IM/IRA Decision Document	90	10/6/89									10/6/89			
1	Submit Final IM/IRA Decision Document	90	1/5/90									1/5/90			
1	Begin Phase I-A IM/IRA Construction	90	1/15/90									1/15/90			
1	Submit Draft Phase III RFI/RI Work Plan	90	2/6/90									2/6/90			
1	Begin Phase I-B IM/IRA Construction	91	10/8/90									9/28/90			
1	Submit Final Phase III RFI/RI Work Plan	91	10/30/90									10/31/90			
1	Submit IM/IRA Implementation Document	91	2/22/91									2/22/91			
1	Begin Phase II-A IM/IRA Construction	91	4/1/91									4/1/91			
1	Begin IM/IRA Testing	91	8/5/91									8/5/91			
1	Begin Phase II-B IM/IRA Construction	91	9/3/91									9/3/91			
1	Complete IM/IRA Construction	92	3/2/92				4/13/92		4/13/92	4/13/92		4/13/92			
1	Submit Draft Phase III RFI/RI Report	92	7/30/92					5/21/92		10/28/92	6/30/92	10/28/92			
1	Submit Final Phase III RFI/RI Report	93	1/4/93			3/19/93	11/15/93	3/19/93	11/15/93	11/15/93	4/2/93	11/5/93			Final Phase III Report was submitted 11/6/93. Agencies are still reviewing document and have asked for some changes.
1	Submit Draft CMS/PS Report	93	3/31/93	8/7/95		6/9/93	3/24/94	3/19/93	4/2/94	8/25/94	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Draft PP	93	9/27/93	4/5/96		6/9/93	9/13/94	10/7/93	9/20/94	11/22/94	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Final CMS/PS Report	93	9/27/93	1/4/96		6/9/93	9/13/94	3/19/93	10/2/94	11/22/94	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Final PP	94	1/4/94	7/2/96		6/9/93	12/10/94	10/7/93	12/28/94	2/24/95	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Draft Responsiveness Summary	94	5/6/94	12/3/96		6/9/93	4/12/95	10/7/93	4/29/95	6/23/95	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Final Responsiveness Summary	94	8/3/94	3/17/97		6/9/93	7/7/95	10/7/93	7/27/95	9/22/95	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Draft CAD/ROD	94	8/3/94	3/17/97		6/9/93	7/7/95	10/7/93	7/27/95	9/22/95	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit Final CAD/ROD	95	11/1/94	5/28/97		6/9/93	10/5/95	10/7/93	10/25/95	12/22/95	3/2/94				EPA to R. Schaeffer March 2, 1994. Extension granted.
1	Submit CD/ROD Work Plan	95	11/1/94	9/12/97											
1	Submit Draft Title II Design	95	7/5/95	4/20/97											
1	Submit Final Title II Design	96	10/3/95	12/12/97											
1	Begin Corrective/Remedial Action Construction	96	5/7/96	4/9/99											
1	Complete Corrective/Remedial Construction	98	11/4/97	4/11/01											
1	Submit Performance Assessment Report	98	2/10/98	7/1/01											
2	Submit Draft Phase III RFI/RI Work Plan(Alluvial)	90	12/21/89									12/21/89			

18

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber 18763 cube 461
 Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&O Letter to DOE Requesting Extension	Extension Date Requested by EG&O	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
2	Submit Final Phase II RFI/RI Work Plan(Alluvial)	90	4/12/90									4/12/90			
2	Submit Draft Proposed IM/IRA Decision Document	90	6/19/90									6/19/90			
2	Submit Proposed IM/IRA Decision Document	90	9/18/90									9/18/90			
2	Submit Draft Responsiveness Summary	91	12/13/90									12/13/90			
2	Submit Final Responsiveness Summary and Final IM/IRA DD	91	1/11/91									1/11/91			
2	Submit Draft Phase II RFI/RI Work Plan(Bedrock)	91	2/5/91									2/5/91			
2	Field Treatability Test System Installation Complete	91	3/8/91				5/10/91			5/10/91		5/10/91			
2	Begin Field Treatability Testing	91	3/11/91				5/13/91			5/13/91		5/13/91			
2	Submit Final Phase II RFI/RI Work Plan(Bedrock)	91	7/2/91									7/2/91			
2	Complete IM/IRA Construction	91	9/30/91				4/24/92			4/24/92		4/24/92			
2	Begin Field Treatability Testing (Entire System)	92	10/3/91				4/27/92			4/27/92		4/27/92			
2	Submit Draft Treatability Test Report Phase I (GAC)	92	4/1/92									4/1/92			
2	Submit Final Treatability Test Report Phase I (GAC)	92	6/2/92									6/2/92			
2	Submit Draft Phase II RFI/RI Report	93	3/12/93	11/18/94		9/17/93	12/16/93			5/20/95	8/19/94				
2	Submit Final Phase II RFI/RI Report	93	8/9/93	3/31/95		9/17/93	5/23/94			8/21/95	8/19/94				
2	Submit Draft CMS/FS Report	94	11/4/93	1/11/96	X	9/17/93	10/17/96								
2	Submit Final CMS/FS Report	94	5/10/94	5/31/96	X	9/17/93	6/26/97								
2	Submit Draft Proposed Plan (PP)	94	5/10/94	7/23/96	X	9/17/93	6/26/97								
2	Submit Final Proposed Plan (PP)	94	8/9/94	10/17/96	X	9/17/93	1/13/98								Now schedule submitted to the Agencies
2	Submit Draft Responsiveness Summary	95	12/13/94	3/26/97											
2	Submit Final Responsiveness Summary	95	3/16/95	7/2/97											
2	Submit Draft CAD/ROD	95	3/16/95	7/2/97											
2	Submit Final CAD/ROD	95	6/15/95	9/15/97											
2	Submit CD/RD Work Plan	95	6/15/95	1/7/98											
2	Submit Draft Title II Design	96	2/15/96	4/7/98											
2	Submit Final Title II Design	96	6/14/96	8/5/98											
2	Begin Corrective/Remedial Action Construction	97	1/20/97	7/27/99											
2	Complete Corrective/Remedial Action Construction	98	7/20/98	7/27/01											
2	Submit Performance Assessment Report	99	10/15/98	10/24/01											

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x8763 cube 481

Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&Q Letter to DOE Requesting Extension	Extension Date Requested by EG&Q	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
3	Submit Draft Past Remedy Report	91	10/26/90									10/26/90			
3	Submit Draft Historical Info and Prelim. Health Risk Assessment Rep.	91	11/9/90									11/9/90			
3	Submit Final Past Remedy Report	91	4/2/91									4/2/91			
3	Submit Final Historical Info and Prelim. Health Risk Assessment Rep.	91	4/16/91									4/16/91			
3	Submit Draft Phase I RFI/RI Work Plan	91	5/16/91							7/10/91		7/10/91			
3	Submit Final Phase I RFI/RI Work Plan	92	10/11/91				12/6/91			12/6/91		12/6/91			
3	Submit Draft Phase I RFI/RI Report	93	7/18/93	12/6/94		5/17/93	2/14/94	6/28/93	2/14/94	10/30/93	8/19/94				
3	Submit Final Phase I RFI/RI Report	94	12/13/93	8/25/95		5/17/93	10/21/94	6/28/93	10/21/94	6/11/96	8/19/94				
4	Submit Draft Phase I RFI/RI Work Plan	90	6/8/90									6/8/90			
4	Submit Final Phase I RFI/RI Work Plan	92	11/26/91									11/26/91			
4	Submit Draft Phase I RFI/RI Report	93	5/21/93					4/6/93		DELETED	5/19/93				DELETED per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit Final Phase I RFI/RI Report	94	10/18/93					4/6/93		DELETED	5/19/93				DELETED per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit Draft Phase I Proposed IM/IRA Decision Document	94	4/14/94	4/14/94				3/23/94	5/27/94	5/27/94	4/7/94	5/27/94			
4	Submit Draft Phase II RFI/RI Work Plan	94	4/22/94	4/22/94				3/23/94	6/4/94	5/27/94	4/7/94	5/27/94			
4	Submit Final Phase I Proposed IM/IRA Decision Document	94	9/12/94	6/24/94	X			3/23/94	8/6/94	8/6/94	4/7/94				In dispute resolution
4	Submit Final Phase II RFI/RI Work Plan	94	9/19/94	9/19/94				3/23/94	11/1/94	9/7/94	8/5/94				Revised milestone date from CDH/LEE
4	All Solar Ponds Emptied of Water and Sludge	95	1/20/95	1/20/95											ADDED per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit IM/IRA Responsiveness Summary	95	1/25/95	11/1/94				3/23/94	12/14/94	12/14/94	4/7/94				43-day extension requested by CDH for review.
4	Submit Phase I Final IM/IRA DD and Final Responsiveness Sum.	95	4/24/95	1/13/95				3/23/94	2/25/95	2/25/95	4/7/94				43-day extension requested by CDH for review.
4	Submit IM Design Workplan	95	5/24/95							DELETED					DELETED per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit Phase I IM/IRA Implementation Document	96	2/26/96							DELETED					DELETED per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit Draft Phase II RFI/RI Report	96	4/16/96	4/16/96											
4	Submit Final IM Title II Design	96	6/24/96	2/10/95						2/10/95					IAG revised date per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit Final Phase II RFI/RI Report	96	9/11/96	9/11/96											
4	Submit Draft Phase II CMS/FS Report	97	12/5/96	12/5/96											
4	Begin Phase I IM/IRA Construction	97	1/28/97	9/27/95						9/27/95					IAG revised date per Ou-4 Solar ponds dispute Draft and Final Phase I RFI/RI Report, Decision of the Project Coordinators Signed 8/30/93
4	Submit Final Phase II CMS/FS Report	97	6/9/97	6/9/97											
4	Submit Draft Phase II PP	97	6/9/97	6/9/97											
4	Submit Final Phase II PP	97	9/5/97	9/5/97											

20

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Rieber x8763 cube 461
 Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EGAG Letter to DOE Requesting Extension	Extension Date Requested by EGAG	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter from DOE to Agencies Requesting 2nd Extension	Remarks
4	Submit Phase II Responsiveness Summary	98	1/16/98	1/6/98											
4	Submit Final Phase II Responsiveness Summary	98	4/14/98	4/14/98											
4	Submit Draft Phase II CAD/FAD	98	4/14/98	4/14/98											
4	Submit Final Phase II CAD/FAD	98	7/14/98	7/14/98											
4	Submit CD/RD Work Plan	98	7/14/98	7/14/98											
4	Submit Draft Title II Design	99	3/15/99	3/15/99											
4	Submit Final Title II Design	99	6/14/99	6/14/99											
4	Begin CA/RA Construction	0	1/18/00	1/18/00											
5	Submit Draft Phase I RFI/RI Work Plan	91	4/5/91									4/5/91			
5	Submit Final Phase I RFI/RI Work Plan	91	8/30/91									8/30/91			
5	Submit Draft Phase I RFI/RI Report	94	11/30/93	5/11/95		8/26/93	12/20/94			7/21/95	8/19/94				
5	Submit Final Phase I RFI/RI Report	94	5/3/94	11/14/95		8/26/93	5/30/95			1/17/96	8/19/94				
6	Submit Draft Phase I RFI/RI Work Plan	91	4/19/91									4/19/91			
6	Submit Final Phase I RFI/RI Work Plan	91	9/16/91									9/16/91			
6	Submit Draft Phase I RFI/RI Report	93	8/4/93	4/19/95		5/20/93	7/5/94			6/21/95	8/19/94				
6	Submit Final Phase I RFI/RI Report	94	1/7/94	11/20/95		5/20/93	10/7/94			12/21/95	8/19/94				
7	Submit Draft Phase I RFI/RI Work Plan	90	6/8/90									6/8/90			
7	Submit Final Phase I RFI/RI Work Plan	91	8/28/91									8/28/91			
7	Submit Draft Phase I RFI/RI Report	94	10/12/93									5/24/94			Submission of the Draft Revised Risk Sampling Plan fulfills the IAG milestone for the Draft Phase I RFI/RI Report.
7	Submit Final Phase I RFI/RI Report	94	3/16/94		X										
7	Submit Draft Phase II RFI/RI Work Plan	94	9/13/94									5/24/94			Submission of the Draft Revised Risk Sampling Plan fulfills the IAG milestone for the Draft Phase II RFI/RI Work Plan.
7	Submit Draft Phase I Proposed IM/IRA DD	95	11/1/94	5/3/95											
7	Submit Final Phase II RFI/RI Work Plan	95	2/15/95												
7	Submit Final Phase I Proposed IM/IRA DD	95	4/6/95	7/3/95											
7	Submit IM/IRA Responsiveness Summary	95	8/14/95	10/4/95											
7	Submit Phase I IM/IRA DD and Responsiveness Summary	96	11/9/95	2/9/96											
7	Submit IM/ Design Work Plan	96	12/13/95	8/8/95											
7	Submit Phase I IM/IRA Implementation Document	96	8/13/96	4/4/96											
7	Submit Draft Phase II RFI/RI Report	96	9/9/96												

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x8763 cube 461
 Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&Q Letter to DOE Requesting Extension	Extension Date Requested by EG&Q	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter from DOE to Agencies Requesting 2nd Extension	Remarks
7	Submit IM Title II Design	97	12/12/96	9/3/96											
7	Submit Final Phase II RFI/RI Report	97	2/11/97												
7	Submit Draft Phase II CMS/FS Report	97	5/9/97												
7	Begin Phase I IM/IRA Construction	97	7/17/97	3/5/96											
7	Submit Final Phase II CMS/FS Report	98	11/4/97												
7	Submit Draft Phase II PP	98	11/4/97												
7	Submit Final Phase II PP	98	2/10/98												
7	Submit Phase II Responsiveness Summary	98	6/15/98												
7	Submit Final Phase II Responsiveness Summary	98	9/10/98												
7	Submit Draft Phase II CAD/FAD	98	9/10/98												
7	Submit Final Phase II CAD/FAD	99	12/10/98												
7	Submit CD/RD Work Plan	99	12/10/98												
7	Submit Draft Title II Design	99	8/11/99												
7	Submit Final Title II Design	0	11/9/99												
7	Begin CA/RA Construction	0	6/14/00												
8	Submit Draft Phase I RFI/RI Work Plan	92	5/1/92									5/1/92			
8	Submit Final Phase I RFI/RI Work Plan	92	9/28/92					9/11/92		12/1/92	9/16/92	12/1/92			
8	Submit Draft Phase I RFI/RI Report	94	2/14/94	11/4/97	XX	1/7/94	11/2/15				DENIED				Extension filed and DENIED. NOV issued 8/15/94.
8	Submit Final Phase I RFI/RI Report	94	7/12/94	2/10/98	XX	1/7/94	7/19/16				DENIED				Extension denied.
9	Submit Draft Phase I RFI/RI Work Plan	90	6/8/90									6/8/90			
9	Submit Final Phase I RFI/RI Work Plan	92	11/26/91									11/26/91			
9	Submit Draft Phase I RFI/RI Report	94	4/11/94		XX	11/10/93	3/20/01				DENIED				Extension denied 4/14/94.
9	Submit Final Phase I RFI/RI Report	94	9/6/94			11/10/93	9/16/03				DENIED				Extension denied 4/14/94.
9	Submit Draft Phase II RFI/RI Work Plan	95	3/10/95												
9	Submit Draft Phase I Proposed IM/IRA DD	95	5/1/95												
9	Submit Final Phase II RFI/RI Work Plan	95	8/7/95												
9	Submit Final Phase I Proposed IM/IRA DD	95	9/27/95												
9	Submit IM/IRA Responsiveness Summary	96	2/8/96												
9	Submit Final Phase I IM/IRA DD and Responsiveness Summary	96	5/7/96												

22

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x5763 cube 461

Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&G Letter to DOE Requesting Extension	Extension Date Requested by EG&G	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
9	Submit CD/RD Work Plan	96	6/7/96												
9	Submit Phase I IM/IRA Implementation Document	97	2/7/97												
9	Submit IM Title II Design	97	6/9/97												
9	Submit Draft Phase II RFI/RI Report	97	7/9/97												
9	Submit Final Phase II RFI/RI Report	98	12/4/97												
9	Begin Phase I IM/IRA Construction	98	1/13/98												
9	Submit Draft Phase II CMS/PS Report	98	3/10/98												
9	Submit Final Phase II CMS/PS Report	98	9/3/98												
9	Submit Draft Phase II PP	98	9/3/98												
9	Submit Final Phase II PP	99	10/5/98												
9	Submit Draft Phase II Responsiveness Summary	99	3/10/99												
9	Submit Final Phase II Responsiveness Summary	99	6/7/99												
9	Submit Draft Phase II CAD/FAD	99	6/7/99												
9	Submit Final Phase II CAD/FAD	99	9/3/99												
9	Submit CD/RD Work Plan	99	9/3/99												
9	Submit Draft Title II Design Plans	0	5/5/00												
9	Submit Final Title II Design Plans	0	8/4/00												
9	Begin CA/RA Construction	1	3/9/01												
10	Submit Draft Phase I RFI/RI Work Plan	92	11/27/91									11/27/91			
10	Submit Final Phase I RFI/RI Workplan	92	5/1/92									5/1/92			
10	Submit Draft Phase I RFI/RI Report	94	8/25/94	8/19/99		1/20/94	11/2/15								
10	Submit Final Phase I RFI/RI Report	95	1/30/95	8/25/99		1/20/94	7/7/16								
10	Submit Draft Phase I Proposed IM/IRA DD	95	5/26/95												
10	Submit Draft Phase II RFI/RI Work Plan	95	6/27/95												
10	Submit Final Phase I Proposed IM/IRA DD	96	10/24/95												
10	Submit Final Phase II RFI/RI Workplan	96	11/21/95												
10	Submit IM/IRA Responsiveness Summary	96	3/6/96												
10	Submit Final Phase I IM/IRA DD and Responsiveness Summary	96	6/4/96												
10	Submit CD/RD Work Plan	96	7/5/96												

23

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x8763 cube 461
 Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&G Letter to DOE Requesting Extension	Extension Date Requested by EG&G	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
10	Submit Phase I IM/IRA Implementation Document	97	3/6/97												
10	Submit IM Title II Design	97	7/1/97												
10	Submit Draft Phase II RFI/RI Report	98	10/23/97												
10	Begin Phase I IM/IRA Construction	98	2/9/98												
10	Submit Final Phase II RFI/RI Report	98	3/30/98												
10	Submit Draft Phase II CMS/PS Report	98	6/25/98												
10	Submit Final Phase II CMS/PS Report	99	12/22/98												
10	Submit Draft Phase II PP	99	12/22/98												
10	Submit Final Phase II PP	99	3/30/99												
10	Submit Draft Phase II Responsiveness Summary	99	8/3/99												
10	Submit Final Phase II Responsiveness Summary	0	10/28/99												
10	Submit Draft Phase II CAD/FAD	0	10/28/99												
10	Submit Final Phase II CAD/FAD	0	2/4/00												
10	Submit CD/RD Work Plan	0	2/4/00												
10	Submit Draft Title II Design Plans	0	9/28/00												
10	Submit Final Title II Design Plans	1	1/5/01												
10	Begin CA/RA Construction	1	8/2/01												
11	Submit Draft Phase I RFI/RI Work Plan	90	6/8/90									6/8/90			
11	Submit Final Phase I RFI/RI Work Plan	92	1/2/92									1/2/92			
11	Submit Draft Phase I RFI/RI Report	94	9/20/94	5/19/95											
11	Submit Final Phase I RFI/RI Report	95	2/22/95	7/21/95											
11	Submit Draft Phase II RFI/RI Work Plan	95	8/21/95												
11	Submit Draft Phase I Proposed IM/IRA DD	96	10/10/95												
11	Submit Final Phase II RFI/RI Work Plan	96	1/24/96												
11	Submit Final Phase I Proposed IM/IRA DD	96	3/14/96												
11	Submit Phase I IM/IRA Responsiveness Summary	96	7/22/96												
11	Submit Phase I Final IM/IRA DD and Final Responsiveness Sum.	97	10/17/96												
11	Submit IM Design CD/RD Work Plan	97	11/18/96												
11	Submit Phase I IM/IRA Implementation Document	97	7/22/97												

he

24

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fieber x8763 cube 461
Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&G Letter to DOE Requesting Extension	Extension Date Requested by EG&G	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Review IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
11	Submit Draft Phase II RFI/RI Report	97	8/13/97												
11	Submit IM Title II Design	98	11/18/97												
11	Submit Final Phase II RFI/RI Report	98	1/16/98												
11	Submit Draft Phase II CMS/PS Report	98	4/15/98												
11	Begin Phase I IM/IRA Construction	98	6/24/98												
11	Submit Final Phase II CMS/PS Report	99	10/9/98												
11	Submit Draft Phase II PP	99	10/9/98												
11	Submit Final Phase II PP	99	1/21/99												
11	Submit Phase II Responsiveness Summary	99	3/25/99												
11	Submit Final Phase II Responsiveness Summary	99	8/20/99												
11	Submit Draft Phase II CAD/FAD	99	8/20/99												
11	Submit Draft Phase II CAD/FAD	0	11/18/99												
11	Submit CD/RD Work Plan	0	11/18/99												
11	Submit Draft Title II Design Plans	0	7/21/00												
11	Submit Final Title II Design Plans	1	10/19/00												
11	Begin Phase II CA/RA Construction	1	5/24/01												
12	Submit Draft Phase I RFI/RI Work Plan	91	5/8/91									5/8/91			
12	Submit Final Phase I RFI/RI Work Plan	93	10/5/92									10/5/92			
12	Submit Draft Phase I RFI/RI Report	94	4/20/94	3/11/99	XX	8/16/93	3/11/99				DENIED				Extension denied 4/20/94.
12	Submit Final Phase I RFI/RI Report	94	9/15/94	11/17/99		8/16/93	11/17/99				DENIED				Extension denied 4/20/94.
13	Submit Draft Phase I RFI/RI Work Plan	92	5/15/92									5/15/92			
13	Submit Final Phase I RFI/RI Work Plan	93	10/12/92									10/9/92			
	Submit Draft Phase I RFI/RI Report	94	8/8/94	3/24/99	X										
13	Submit Final Phase I RFI/RI Report	95	1/11/95	12/2/99											
14	Submit Draft Phase I RFI/RI Work Plan	92	5/22/92				6/26/92			6/26/92		6/26/92			
14	Submit Final Phase I RFI/RI Work Plan	93	10/19/92									10/19/92			
14	Submit Draft Phase I RFI/RI Report	95	12/20/94	4/23/97											
14	Submit Final Phase I RFI/RI Report	95	5/23/95	9/29/97											
15	Submit Draft Phase I RFI/RI Work Plan	92	6/1/92									6/1/92			

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x6763 cube 461

Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EG&Q Letter to DOE Requesting Extension	Extension Date Requested by EG&Q	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
SW	Submit Final Work Plan for Discharge Limits for Radionuclides	91	8/31/91				9/16/91			9/16/91		9/16/91			
SW	Submit Resp. Sum. for Discharge Limits for Radionuclides	92	12/17/91				1/30/92			1/30/92		1/30/92			
SW	Submit Draft Historical Release Report	92	1/8/92									1/8/92			
SW	Submit Final Historical Release Report	92	6/3/92									6/3/92			
SW	Submit Draft Treatability Study Report	93	5/26/93									3/8/93			
SW	Submit Final Treatability Study Report	94	10/20/93	3/14/94						ANNUAL		3/14/94			Annual Treatability Study will be performed henceforth in lieu of one Final Treatability Report.
SW	Submit Draft Decision Document (IA IM/IRA)	94	3/23/94	3/14/94								3/14/94			Added August 10, 1993 by CD-VEPA letter to DOE.
SW	Submit Draft Responsiveness Summary (IA IM/IRA)	94	8/2/94	8/2/94						11/2/94	7/28/94				Added August 10, 1993 by CD-VEPA letter to DOE.
SW	Submit Final Responsiveness Summary (IA IM/IRA)	94	8/23/94	8/23/94						11/23/94	7/28/94				Added August 10, 1993 by CD-VEPA letter to DOE.
SW	Submit Final Decision Document (IA IM/IRA)	94	8/23/94	8/23/94						11/23/94	7/28/94				Added August 10, 1993 by CD-VEPA letter to DOE.

27/27

27

IAG COMPLIANCE STATUS REPORT - TABLE 6 MILESTONES ONLY

Prepared by K. A. Fleber x8763 cube 461
 Sort By: OU Then Original IAG Due Date

OU	Description	FY	Original IAG Due Date	ER Project Baseline/ADS Projected Due Date	Past Due (X) or Missed (XX)	Date of EO&Q Letter to DOE Requesting Extension	Extension Date Requested by EG&G	Date of Letter from DOE to Agencies Requesting Extension	Extension Date Requested by DOE	Revised IAG Date	Date Extension Approved	Date Deliverables Submitted	2nd Extension Date Requested by DOE	Date of Letter From DOE to Agencies Requesting 2nd Extension	Remarks
15	Submit Final Phase I RFI/RI Work Plan	93	10/26/92									10/26/92			
15	Submit Draft Phase I RFI/RI Report	94	8/1/94	8/1/94								7/25/94			
15	Submit Final Phase I RFI/RI Report	95	1/4/95												
16	Submit Draft No Further Action Justification Document	92	3/4/92									3/4/92			
16	Submit Final No Further Action Justification Document	92	7/30/92									7/30/92			
SW	Submit Draft Background Study Report (Water)	90	12/15/89									12/15/89			
SW	Submit Draft Background Study Report (Soils)	90	12/15/89									12/15/89			
SW	Submit Draft Community Survey Plan	90	1/23/90									1/23/90			
SW	Submit Final Community Survey Plan	90	3/22/90									3/22/90			
SW	Submit Draft Health and Safety Plan	90	8/15/90									8/15/90			
SW	Submit Draft Quality Assurance Project Plan	90	8/29/90									8/29/90			
SW	Submit Draft Standard Operating Procedures	90	8/29/90									8/29/90			
SW	Submit Draft Plan for Prevention of Contaminant Dispersion	90	9/19/90									9/19/90			
SW	Submit Draft Treatability Study Plan	90	9/21/90									9/21/90			
SW	Submit Draft Community Relations Plan	91	11/1/90									11/1/90			
SW	Submit Final Health and Safety Plan	91	11/12/90									11/12/90			
SW	Submit Revised Background Study Report	91	12/21/90									12/21/90			
SW	Submit Final Community Relations Plan	91	1/22/91									1/22/91			
SW	Submit Final SOP's vol 4 Surface Water/vol 5 Ecology	91	1/25/91				3/1/91			3/1/91		3/1/91			
SW	Submit Final SOP Addendum for OU1 Phase III RFI/RI Workplan	91	1/25/91				3/1/91			3/1/91		3/1/91			
SW	Submit Final Quality Assurance Project Plan	91	2/1/91				3/1/91			3/1/91		3/1/91			
SW	Submit Final SOP's vol 2 Groundwater/vol 3 Geotechnical	91	2/1/91				3/1/91			3/1/91		3/1/91			
SW	Submit Final SOP vol 6 Air	91	2/1/91				3/1/91			3/1/91		3/1/91			
SW	Submit Final SOP Addendum for OU2 Phase II RFI/RI Workplan	91	2/1/91				3/1/91			3/1/91		3/1/91			
SW	Submit Final Plan for Prevention of Contaminant Dispersion	91	2/21/91				7/22/91			7/22/91		7/22/91			
SW	Submit Final Treatability Study Plan	91	2/25/91				6/3/91			6/3/91		6/3/91			
SW	Submit Draft Work Plan for Discharge Limits for Radionuclides	91	3/18/91				4/5/91			4/5/91		4/5/91			
SW	Submit Community Relations Plan Responsiveness Summary	91	6/21/91									6/21/91			
SW	Submit Resp. Sum. on Plan for Prevention of Contaminant Disp.	91	6/26/91				11/25/91			11/25/91		11/25/91			

2726

26